

MONDAY, June 9th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Dr. Daria Karasalihović Sedlar

09:30 - 10:00	OPENING CEREMONY - Welcome Addresses
10:00 - 11:30	Emils Lagzdins (IOGP) - EU Methane Emissions Regulation
11:30 - 12:00	Coffee break
12:00 - 12:30	Ambroz Berger (Croatian Ministry of Economy) - Methane Emission Management in Croatia
12:30 - 13:00	Luka Dermišek (Plinacro) - Application and Enforcement of Regulation (EU) 2024/1787 in Croatian Transmission System Operator Plinacro
13:00 - 14:00	Dr. Andrej Pustišek (2Pi-Energy) - Methane Leakage Detection in Distribution Grids
14:00 - 15:00	WELCOME RECEPTION
15:00 - 16:30	Dr. Arvind Ravikumar (UT Austin) - State of the Science - What Have We Learnt about Methane Emissions from Oil and Gas Operations?
16:30 - 17:00	Coffee break
17:00 - 18:30	Dr. Arvind Ravikumar (UT Austin) - Technology and Innovation: Recent Advances in Methane Emissions Monitoring Across Oil and Gas Supply Chain
20.00	NETWORKING DINNER

TUESDAY, June 10th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Filip Milešević

09:30 - 11:00	Paolo D'Alesio (ProEnergy) - Well Integrity Assessment and Management
11:00 - 11:30	Coffee Break
11:30 - 12:00	Lidija Božić (Croatian Hydrocarbon Agency) - Impact of New EU Methane Regulation: Here's What You Need to Know

12:00 - 13:00	Indy Vatteroth (Intero - The Sniffers) - Methane Emission Management
13:00 - 14:00	Break
13:30 - 14:00	LNG Croatia - FSRU Virtual platform
14:00 - 15:00	Paolo D'Alesio (ProEnergy) - Planning Methane Emission Reduction
15:00 - 16:00	Dr. Arvind Ravikumar (UT Austin) - From Measurements to Mitigation - Use of Operational Data to Drive Down Methane Emissions
16:00 - 16:30	Coffee break
16:30 - 18:30	Dr. Arvind Ravikumar (UT Austin) - Addressing Methane Emission Across Global Natural Gas Supply Chains

WEDNESDAY, June 11th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Emils Lagzdins

09:00 - 10:00	Enea Belardinelli (IOGP) - Advancing CCUS in the EU: Policy Evolution, Funding Gaps, and De-risking Models
10:00 - 11:00	Lennart Paetz (IOGP) - Environmental, Social & Governance Principles (ESG) and Due Diligence Obligations
11:00 - 11:30	Coffee break
11:30 - 12:30	Octav Baci (IOGP) - EU Hydrogen Regulatory Framework
12:30 - 13:30	Sandeep Dhawan (WellPerform) - Deep Dive into the Well Integrity of Recycled Wells to Prevent CO ₂ and Methane Emissions
15:00 - 23:00	EXCURSION – Dubrovnik County

THURSDAY, June 12th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Dr. Petar Mijić

08:00 - 10:30	DUBROVNIK OLD CITY GUIDED WALK
11:00 - 12:00	Dr. Andrej Pustišek (2Pi-Energy) - Introduction to AI for Energy Transition

12:00 - 13:00	Jose Javier Mancilla (Halliburton) - Smarter Facilities and Optimized Assets with Landmark AAM
13:00 - 13:30	Coffee break
13:30 - 15:00	Bert Devries (Halliburton) - Evaluation of Downhole Completion Technology and Material Samples Following a Successful Underground Hydrogen Storage Demonstration in the Netherlands; CCUS Wells and the Focus Areas for Completion Design
15:00 - 15:30	Coffee break
15:30 - 17:45	Erik Kerkhoff (Halliburton) - High Performance Water Base Mud (BaraHib/BaraXtreme High Temp); Waste Management solutions, Slops Processing, Dewatering, Eliminating Waste; Drilling Fluid Graphics, DFG Hydraulic Software and What it Can Bring to Projects)

FRIDAY, June 13th, 2025

IUC, Conference Room, Ground Floor

Chairmen: Dr. Igor Medved

09:00 - 10:30	Slavoljub Stojanović (Oxy) - Fundamentals and Optimization of Artificial Lift and Troubleshooting of Gas Lift Systems
10:30 - 11:00	Coffee break
11:00 - 12:00	Slavoljub Stojanović (Oxy) - Fundamentals and Optimization of Artificial Lift and Troubleshooting of Gas Lift Systems
12:00 - 12:45	Kamel Ben Naceur (SPE) - Impact of Geopolitics, Economy, Trade, and Climate Policies on Energy Sector Development
12:45 - 13:15	CLOSING CEREMONY
13:15 - 14:15	FAREWELL RECEPTION

Participants are encouraged to bring their own laptop.
The organizers reserve the right to make changes to the Program.

REGISTRATION and GENERAL INFORMATION:



www.rgn-pess.com



[Petroleum Engineering Summer School](#)

PESS EXECUTIVE DIRECTOR:
Dr. Daria Karasalihović Sedlar

CHAIRMAN OF THE PESS ORGANIZING COMMITTEE:
Dr. Ivan Smajla

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ACCOMMODATION: IUC Dorm, CAAS apartments
iuc.hr/accommodation/dormitory

LOCATION: IUC Dubrovnik - iuc.hr
Don Frana Bulića 4, HR-20000 Dubrovnik, Croatia

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OIL & GAS EXPLORATION AND PRODUCTION

IN CROATIA

Production



23.1
Mboe/d
in 2024

2P Reserves



65
MMboe
in 2024

IN EGYPT

Production



1.9
Mboe/d
in 2024

Reserves



2.3
MMboe
in 2024

ONSHORE AND OFFSHORE

Oil fields



38
in production
in 2024

Gas fields



28
in production
in 2024



PETROLEUM ENGINEERING SUMMER SCHOOL

WORKSHOP 57A
June 9th – 13th 2025
IUC – DUBROVNIK

Production/Reservoir Engineering and
Emission Management



University of Zagreb
FACULTY OF MINING,
GEOLOGY AND PETROLEUM
ENGINEERING

